

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

This amendment adds, changes and/or deletes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier.

Various claims have been amended. New claims 21-37 have been added. Accordingly, claims 1-37 are currently pending in the present application.

Claims 1, 19, and 20 have been amended to clarify that the bookmark list is on the client. Claim 5 has been rewritten in independent form and it has been clarified that the bookmark list is on an autonomous network service that is independent from the job-performing network service. Claim 14 has been rewritten in independent form with the same changes as were added to claim 1.

The applicant notes that the mis-numbering of the claims was corrected by a preliminary amendment, copy attached. Accordingly, this objection should be moot.

Claims 1-20 were rejected under 35 USC 103 over Srinivasan et al. in view of Treptow et al. This rejection is respectfully traversed for the following reasons and reconsideration thereof is requested.

Srinivasan discloses a network based copier wherein copying requests from clients 10 are serviced by a jobs processor 14 that contains job queue managers 13 and 17. The queue manager holds the electronic documents to be copied. The jobs processor 14 then connects to the copier 16. Note that the jobs processor 14 is directly involved and facilitates the copying operation and, in fact, queues the copy jobs. See column 2, line 59 – column 3, line 14.

As the examiner notes, Srinivasan does not disclose adding a service reference to a bookmark list, or removing automatically the service reference on job completion, much less

performing that operation at a client, or an autonomous network service that is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service.

The Treptow et al. reference is cited for adding a service reference to a bookmark list. Treptow discloses a set of clients 12-18 being connected through a driver-less print server to a set of printers. See Fig. 1. The driver-less print server computers 38, 40, 42, and 44 which facilitate printing typically reside at a common location with the printers, such as a hotel, and allow the originating devices 12-18 to connect thereto via a LAN at the hotel. See paragraphs 49 and 50. There is a job status component 226 that is located on the driverless print server 46. See paragraph 69. The job status component 226 maintains a memory mapped file of all jobs in each driverless print server queue, i.e., something is writing to the memory mapped file. Information is not coming in from a network service. See paragraph 79.

Treptow does not disclose the use of bookmark URL's, much less the claim 1 elements of "receiving automatically at a client a service reference to a status of a job in a network service; adding the service reference to a bookmark list on the client; and removing automatically the service reference from the bookmark list on the client when the job is completed by the network service."

Likewise, Treptow does not disclose the feature of newly independent claim 5 of "receiving automatically in a user's personal imaging repository in an autonomous network service a service reference to a status of a job in a job-performing network service, wherein the autonomous network service is independent from the job-performing network service and does not facilitate performance of the job at the job-performing network service."

Likewise, Treptow does not disclose the additional feature of claim 19 of "wherein the removing step includes the step of automatically removing the service reference if no message indicating an event is received from the network service for a predetermined period of time."

Likewise, Treptow does not disclose the additional feature of claim 14 of "comprising the step of adding a clickable reference to a user screen on the client that is associated with the service reference to access a status web page displaying direct or indirect information

about the status of at least one job.” The paragraphs in Treptow cited for this feature relate to an administrative web page 124.

In essence, the Treptow operation is on a server related to the printing operation. It is not at a client or an autonomous network service. In contrast, the present design is at the client or an autonomous network service. It does not poll for status, but rather goes to a URL when a client browses to that location via the specially inserted bookmark for the service reference. The job-performing network service, such as a network printer, can communicate directly with the end user through the web page that can be accessed through the service reference provided to the bookmark list. This allows the job-performing network service to provide status information and even ask questions. Importantly, content of the status information and questions is determined at the web service---not the client. Thus, there is no need for the client to keep an updated list of status type messages built into the client software and there is no need to send status software updates with new status messages, such as “color ink is empty. Should printer continue printing in black?”

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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By 

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